All C-LECs agree to notify the appropriate State and Federal Agencies that they are authorized to provide local exchange service in Connecticut and will work directly with the agencies to meet their obligations to them.

7. MISDIRECTED REPAIR CALLS

SNET and the C-LECs shall use the following procedures for handling misdirected repair calls.

A. SNET and the C-LECs will educate their customers as to the correct number to call for repair.

B. To the extent the correct provider can be determined, misdirected repair calls will be referred to the proper provider of local exchange service, at no charge, and the end user will be provided with the correct contact telephone number.

C. Each provider's repair contact telephone number will be supplied to every other provider of local service on a reciprocal basis.

D. Any future enhancements, e.g., front end referrals using an IVR system and/or on-line transfer of end users to their actual providers, may be negotiated between and among SNET and the C-LECs, as appropriate.

8. CENTRAL OFFICE CODE (NXX) ADMINISTRATION

If and until a neutral third party Central Office Code Administrator is selected, The Southern New England Telephone Code Administrator will continue to assign and administer Central Office Codes, known as NXXs, consistent with the industry developed "Central Office Code (NNX/NXX) Assignment Guidelines and Forms." This document was last published by Bellcore on November 16, 1994 as IL-94/11-013.

9. COOPERATIVE PRACTICES

A. SNET and the C-LECs will work cooperatively towards the goal of achieving (i) the smooth entry of C-LECs into the Connecticut local exchange market; (ii) the integrity of the network and the seamless provision of service between networks; (iii) the provision of services that affect public safety and security; and (iv) rules to promote only end user authorized switching of local service providers (anti-slamming).

B. SNET and the C-LECs will work cooperatively as an industry forum on industry issues such as implementation of a long term number portability solution.

10. OPERATOR SERVICES

A. Busy line verification and busy line interrupt service will be initiated by the operator services of the interrupted end user's dial tone provider.

B. SNET will include a C-LEC's customer listings in the Directory Assistance Database.

C. SNET may provide, upon request, non-branded Operator Services, which include Directory Assistance ("DA") and toll and assist, to a switch based facilities C-LEC. Operator Services refers to the provisioning of a DA operator, DA services, toll and assist services and enhancements to such services as they become available SNET will charge for Operator Services.

D. SNET will provide Operator Services, which include DA and toll and assist, to C-LECs who purchase SNET's resale local service and unbundled ports. SNET will commit to investigate the technical requirements necessary to offer non-branded Operator Services and will inform the parties of the results of its investigation no later than June 30, 1995. SNET and the C-LECs will work cooperatively to develop a mutually acceptable approach regarding non-branding of Operator Services for the purposes of the resale of local service.

E. Electronic Access to the SNET Directory Assistance Database is available in FCC Tariff No. 39.

F. Each C-LEC must identify its nonpublished, nonlisted, residence and business customers for Directory Assistance and Directory purposes.

G. Each C-LEC will indemnify SNET for any damages caused by that C-LEC's negligence in misidentifying a C-LEC's nonpublished or nonlisted customer.

11. DIRECTORY

A. SNET will include C-LECs' customers' primary listing in the white page (residence and business listings) and yellow page (business listings) directories.

B. C-LECs can offer their customers primary, additional and foreign listings.

C. SNET will (i) distribute directory books to C-LECs' customers; (ii) distribute a reasonable supply of directory books to C-LECs; and (iii) recycle directory books for C-LECs' customers.

D. SNET and C-LECs will work cooperatively on issues concerning lead time, timeliness, format, and content of listing information.

E. SNET will treat C-LECs' and SNET's customers in a nondiscriminatory manner.

F. SNET will not charge the C-LECs to (i) print their customers' primary listings in the white page and yellow page directories; (ii) distribute directory books to their customers; (iii) recycle their customers' directory books; and (iv) maintain the Directory Database.

G. In consideration for SNET's agreement to Sections 11.A. through 11.F., (i) SNET will not share with the C-LECs its revenues, including but not limited to, revenues received from white and yellow page advertising and (ii) the C-LECs will not charge SNET for the use of their customers' primary white and yellow page listings

H. There will be an additional charge to the C-LECs for non-published, non-listed, foreign and additional listings. In an interim number portability situation, where the end user has two numbers for each line, the second number will be considered an additional listing.

12. OPERATIONAL PROCEDURES

A. Order Entry

1. SNET and the C-LECs will have a single point of contact for ordering unbundled elements, resold local services, and interconnection. SNET will implement ordering processes that will be based on the current procedures used by SNET and the Interexchange Carriers. C-LECs will work to develop similar processes for order entry. Order entry may be manual (e.g., fax) or by electronic transfer (e.g., Network Data Mover)or by any other mutually agreeable process.

2. SNET and the C-LECs will treat each other in a nondiscriminatory manner.

3. SNET and the C-LECs will work cooperatively to develop an automated order entry process.

B. Network Design and Management

1. SNET and the C-LECs will work cooperatively to install and maintain reliable interconnected telecommunications networks. A cooperative effort will include, but will not be limited to, the exchange of appropriate information concerning network changes that impact services to the local service provider, maintenance contact numbers and escalation processes

2. The interconnection of all networks will be based on accepted industry/national guidelines for transmission standards and traffic blocking criteria.

3. SNET and the C-LECs will work cooperatively to apply sound network management principles by invoking appropriate network management controls, i.e. call gapping, to alleviate or prevent network congestion.

C. Service Intervals

1. Provisioning and repair service intervals for resale of local service (defined in Section 4 of this Stipulation) and unbundled network elements (defined in Section 1 of this Stipulation) will be provided by SNET in a nondiscriminatory manner.

a. The provisioning intervals for unbundled network elements will follow the current "Special Services" ordering intervals. It is assumed that the majority of C-LECs' orders will require coordinated and timely installation of interim number portability and other purchased services and removal of service ("cut-overs") of existing end users. The provisioning intervals will be consistent with current SNET intervals for coordinated cut-overs. The repair intervals for unbundled network elements will fall within the range of current SNET "local exchange services" intervals.

b. The provisioning and repair intervals for resale of local service will fall within the range of current SNET "local exchange services" intervals.

2. The provisioning and repair intervals for interconnected trunks will fall within the range of the current SNET Interexchange Carrier ordering guidelines.

D. Network Outages and Trouble Reporting

1. Repair requests from local service providers will be handled in a professional and expeditious manner between parties. The C-LEC repair request will be manually delivered to SNET (e.g. via telephone call) initially. Local service providers are committed to explore electronic information exchange for future exchange of repair requests. When the repair request is completed, the originating local service provider shall be notified in a similarly expeditious and professional manner.

2. Local service providers will provide notification of network outages to all affected providers as soon as practicable after the provider becomes aware of the network outage. All local service providers will receive the same level of detail and timing of such notification.

E. Coordinated Repair

1. With the resale and unbundling of the network there will be instances where more than one provider of local service will be responsible for repair of service. When a provider of local service receives a repair call from its customer, the provider will determine whether the trouble is in its network. If the trouble is not found in its network, the trouble will be referred to the other carrier involved in the service, who will either fix the trouble or determine that the trouble was not in its network and share that information with the originating provider

2. Standard charges in the CT Access Tariff, Section 6.5, will apply to incorrectly routed repair requests

F. Methods and Procedures Guide

1. SNET and the C-LECs will work cooperatively to create a methods and procedures guide for all unbundled network service elements and the resale of local service offerings.

2. SNET will distribute a guide no later than 30 days prior to the effective date of any new unbundled network service element or resale of local service offering.

3. The methods and procedures guide will be amended from time to time to reflect among other things technology changes, new service offerings and market conditions.

13. NUMBER PORTABILITY

A. Service Provider Interim Number Portability

1. Although a permanent number portability solution is preferred by the parties, SNET and the C-LECs agree to provide an interim solution until such time as a permanent solution can be implemented.

2. An interim number portability solution will include call forwarding solutions, and reassignment of a full NXX when an end user has a full NXX assigned to them and changes carriers. Other solutions that are

functionally superior or more economically feasible, including the implementation and pricing of such solutions, can be negotiated.

3. Interim number portability will provide end users with the ability to change local service carriers without changing their telephone number

4. If an end user changes its physical location after changing carriers the end user may retain its telephone number only if the new location is in the operational area of the end user's NXX. When a local service provider is assigned an NXX, that provider will define the operational area of that NXX.

5. C-LECs will assume responsibility for ensuring that all of their customers' relevant information is inputted into the E-911 database. SNET will not be liable for any C-LEC's negligence in inputting its customer information into the E-911 database and any other C-LEC's negligence that impairs the working of the E-911 database. SNET and the C-LECs will work cooperatively to ensure that the integrity of the E-911 database is maintained. In order to maintain the integrity of the E-911 database ANI substitution at the "ported to" number will not be implemented unless the C-LEC requests, via a service order, that SNET maintain the existing E-911 record

6. SNET and the C-LECs will work cooperatively to overcome any of the shortcomings inherent in any interim number portability solution.

B. Long Term Number Portability

1. Long term number portability will require a database solution which will require the participation of all telecommunications providers.

2. SNET and the C-LECs agree to work cooperatively together as well as within appropriate industry forums to develop and implement a long term number portability solution. The tasks which must be completed in a cooperative manner may include:

a. Establishment of a network architecture for number portability;
b. Establishment of the features and functions of primary network elements;
c. Determination of the functionalities and capabilities required in the access portion of the network;
d. Assessment of the implications for the current SS7 network;
e. Publication of a Network Operations Plan; and
f. Negotiation of an implementation schedule.

3. Once the Department approves a long term number portability solution, SNET and the C-LECs will work cooperatively to implement that solution within a reasonable period of time.

4. SNET and the C-LECs agree to work cooperatively to address long term number portability funding issues.

14. BILL CLEARINGHOUSE

A. All local service providers will exchange billing records required to bill their respective end users for calls (including but not limited to bill to third party, collect and 800) which are originated and terminated within Connecticut. Records will be exchanged using electronic transfer (currently Network Data Mover) or magnetic tape and standard EMR/EMI format.

B. Meet Point Billing - Standard Ordering and Billing Forum ("OBF") Guidelines will apply to the transfer of call records for calls that use one party's network without either originating or terminating on that provider's network. SNET will implement the "multiple bill/multiple tariff" and "aggregate by call type" options of the OBF standard.

C. SNET and the C-LECs recognize that as C-LECs enter the local service market no one local service provider will have complete information on all customers. In order to accommodate interstate and intrastate toll PIC changes and provide end user billing information to Interexchange Carriers and Intrastate toll providers, it will be necessary for all local service providers to work cooperatively to assure these functions can be performed. SNET and the C-LECs agree to work together to resolve this issue.

15. DEFINITIONS

Exhibit 1 contains a glossary of terms contained herein. The parties recognize that these definitions may change over time and may be superseded by any tariff filing.

16. ENTIRE AGREEMENT

The parties agree that the provisions set forth herein represent the entire agreement of the parties at the time of execution hereof on the subjects of unbundling and resale as specifically set forth herein. Nothing herein shall be construed to prejudge or prejudice the position of any party in continuing negotiations or in limiting the subjects to be addressed in testimony in any agency proceeding involving any unbundling and resale issues not explicitly stipulated herein.

17. NON-SEVERABILITY

If any provision of this Stipulation is rejected or modified by the Department this Stipulation shall be null and void.

18. TERM

Any party has a right to petition the Department at any time to modify any term of this Stipulation based on changes in technology, market conditions and competition

Glossary

1.	Additional Listing	As defined by SNET's General Exchange Tariff, Tariffs Part II, Section 4, Sheets 2-4A, Paragraphs D-F.
2.	ANI	**A**utomatic **N**umber **I**dentification; the number transmitted through the network to identify the calling party.
3.	C-LEC	**C**ertified **L**ocal **E**xchange **C**arrier; a telecommunications company certified by the Department of Public Utility Control, pursuant to Section 16-247g of the General Statutes of Connecticut, to provide local exchange services in the State of Connecticut in accordance with the provisions in Docket No. 94-07-04. Wherever the term C-LEC appears it is the intent of the parties to include facilities-based providers and resellers unless otherwise expressly stated.
4.	Call Gapping	A network management tool which allows a limited percentage of calls to be completed into the network for a particular terminating number.
5.	Crossconnect Termination	An intra-building DS1, DS3, or 2 wire channel from the customer's Point of Termination (POT) to the SNET DSX-1 panel, DSX-3 panel, or main distribution frame (MDF) and is provided out of the Expanded Interconnection section of the Access Tariff.
6.	DS-1	A digital signal rate of 1.544 Mbps (Mega Bit Per Second).
7.	DS-3	A digital signal rate of 44.736 Mbps.
8.	DSX-1	A crossconnect bay/panel used for the termination of equipment and facilities operating at the DS-1 digital rate.
9.	DSX-3	A crossconnect bay/panel used for the termination of equipment and facilities operating at the DS-3 digital rate.
10.	EMR	**E**xchange **M**essage **R**ecord; the standard used for exchange of telecommunications message information among local exchange companies and C-LECs for billable, non-billable, sample, settlement and study data.
11.	EMI	**E**xchange **M**essage **I**nterface; the standard used for the exchange of telecommunications message information

		between local exchange carriers and interexchange carriers. Data is provided between companies via unique record layouts that contain customer billing information, account summary and tracking analysis.
12.	ISDN	**I**ntegrated **S**ervices **D**igital **N**etwork; a switched network providing end to end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).
13.	Foreign Listing	As defined by SNET's General Exchange Tariff, Tariffs Part II, Section 4. Sheet 5, Paragraph I.
14.	IVR	**I**nteractive **V**oice **R**esponse; a generic term for transaction systems that allow the use of tone dialing to interact with a computer.
15.	Line Side	A central office switch connection that has been programmed to treat the circuit as a local line connected to a telephone. Line side connections offer only those transmission and signaling features appropriate for a connection between a central office and an ordinary telephone.
16.	Loop	A transmission path between the Minimum Point Of Presence (MPOP) at an end user location and the Main Distribution Frame (MDF) or Digital Crossconnect Bay (DSX-1) of the SNET designated serving wire center.
17.	Loop-2 wire analog voice grade	2 wire voice grade which will support analog transmission of 300-3000 Hz, repeat loop start or ground start seizure and disconnect in one direction (towards the wire center), and repeat ringing in the other direction (towards the end user). This loop is commonly used for local dial tone service.
18.	Loop-2 wire digital grade (BRI-ISDN)	2 wire ISDN digital grade which will support digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel. This is a 2B+D basic rate Integrated Service Digital Network (BRI-ISDN) type of loop which will meet national ISDN standards.
19.	Loop-4 wire DS-1 digital grade	4 wire DS-1 digital grade which will support full duplex transmission of isochronous serial data at 1.544 Mbps. This is a T-1/DS1 type of loop and provides the

		equivalent of 24 voice grade/DS0 channels.
20.	MDF	**M**ain **D**istributing **F**rame; the primary termination point for the outside plant (loop) and the line side of the switch (port) for the interconnection of elements to provide service.
21.	MPOP	**M**inimum **P**oint **O**f **P**resence; the interface point at the end user location
22.	Multiplexing	Multiplexing is the process of converting and aggregating signal levels. DS3 to DS1 multiplexing provides an arrangement that converts a DS3 signal to or from 28 DS1 signals. DS1 to Voice Grade/ISDN multiplexing provides an arrangement that converts a DS1 signal to or from 24 Voice Grade signals, or 8 BRI-ISDN signals.

1.	Network Data Mover	File Transfer Protocol for sending/receiving data files.
2.	On-line transfer	The transferring of an incoming call to another telephone number without the call being disconnected
3.	Port	The port is the point of interface/access connection to the SNET public switched network. This may be a switch line side interface or switch trunk side interface
4.	Port-2 wire analog line side	A two wire, analog, POTS type line side switch connection that provides for residential and business type services
5.	Port-2 wire analog trunk side	A two wire, analog, Direct Inward Dialing (DID) trunk side switch connection that provides for incoming trunk type services
6.	Port-2 wire ISDN line side	A two wire, digital, Basic Rate Interface (BRI) line side connection that provides for ISDN services
7.	Port-4 wire DS-1 trunk side	A four wire, digital, port side connection which provides for the equivalent of 24 analog DID trunk side ports
8.	POTS	**P**lain **O**ld **T**elephone **S**ervice; basic telephone service for the transmission of human speech
9.	Primary Listing	As defined by SNET's General Exchange Tariff, Tariffs Part II, Section 4, Sheets 1A-2, Paragraph C.
10.	Reference of	Refers to a process in which calls are routed to an

	Calls	announcement which states the new telephone number of an end user.
11.	Reseller	A C-LEC who purchases SNET's resale local service offering for the purpose of reselling the service to its own end user customers.
1.	Trunk Side	A central office switch connection that is capable of, and has been programmed to treat the circuit as interconnecting to another central office. Trunk side connections offer those transmission and signaling features appropriate for the connection of central offices (or equivalent switching entity)
2.	Vertical Features	Vertical Features include:

Automatic Call Back
Automatic Recall
Call Forwarding Busy Line/Don't Answer
Call Forwarding Don't Answer
Call Forwarding Variable
Call Forwarding - Busy Line
Call Trace
Call Waiting
Calling Number Delivery Blocking Per Call
Calling Number Delivery Blocking Per Line
Cancel Call Waiting
Distinctive Ringing/Call Waiting
Incoming Call Line Identification Delivery
Multiline Hunting (line side and trunk side)
Selective Call Forward
Selective Call Rejection
Speed Calling
Three Way Calling/Call Transfer